

Hazardous Material Identification System - (HMIS)

HEALTH - 3

REACTIVITY - 0

FLAMMABILITY - 2

PERSONAL - Rubber gloves, face mask or goggles

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

I Trade Name: SpectracidePRO Pre-emergent Herbicide for Turf and Ornamentals

Product Type: Liquid Concentrate Herbicide

Product Item Number: 30195

Formula Code Number:

EPA Registration Number

Manufacturer

Emergency Telephone No.

707-245-8845

Chemisco
8494 Chapin Industrial Drive
St. Louis, MO 63114

For Chemical Emergency 1-800-633-2873
For Information 1-877-773-2776
Prepared by C. A. Duckworth
Date Prepared November 25, 1998

II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Dithiopyr	12.7	NE	NE
CAS #97886-45-8			
Petroleum solvent	87.3	NA	NA
CAS #64742-94-5			

III Physical and Chemical Characteristics

Appearance and Odor	Clear liquid. Kerosene odor
Boiling Point	210°C
Melting Point	NA
Vapor Pressure	NA
Specific Gravity	0.95 (H ₂ O=1)
Vapor Density	greater than 1 (Air=1)
% Volatile (by vol.)	greater than 85%
Solubility in Water	emulsifiable
Evaporation Rate	less than 1 (Butyl Acetate=1)

IV Fire and Explosion Hazard Data

Flash Point	145°F
Flame Extension	N/A
Flammable Limits	N/A
Autoignition Temp	443°C
Fire Extinguishing Media	Water Fog, Carbon Dioxide, Dry Chemical
Decomposition Temp	N/A
Special Fire-Fighting Procedures	Use procedures for elimination of original source of fire
Unusual Fire and Explosion Hazards	None. Also see Section V

V Reactivity Data

Stability	Stable
Polymerization	Will not occur
Conditions to Avoid	None
Incompatible Materials	N/A
Hazardous Decomposition or Byproducts	N/A

VI Health Hazard Data

Ingestion (Swallowing) Harmful if swallowed. **First Aid** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person.

Skin Contact Causes skin irritation. **First Aid** Wash with plenty of soap and water. Get medical attention.

Eye Contact Causes substantial but temporary eye injury. **First Aid** Flush eyes with plenty of water for 15 minutes. Get medical attention.

Inhalation Toxicity May cause respiratory tract irritation. **First Aid** Remove victim to fresh air. Get medical attention if breathing difficulty develops.

Special Notes May cause skin sensitization reaction in certain individuals.

Health Conditions Aggravated by Exposure Skin disorders.

Ingredients listed by NTP, OSHA or IARC or Carcinogens or potential carcinogens None.

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Avoid breathing vapors. Avoid skin contact with liquid. Soak up with absorbent material.

Waste Disposal Give to qualified waste disposal service.

Handling & Storage Precautions Do not store where temperatures can exceed 54°C/130°F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT Shipping Name Consumer Commodity
DOT Hazard Class ORM-D